

**RADIO MAGNETIC INDICATOR CLASSROOM TRAINING AID, DEVICE 2B25/1****TRAINING CATEGORY:**

AVIATION (Instrument)

**ORIGINATING AGENCY:**

DCNO/AIR

**SECURITY CLASSIFICATION:**

Device 2B25/1 is unclassified.

**INTENDED USE:**

For basic or refresher training of aerial navigation student.

To aid an instructor in a classroom demonstration of interpreting and coordinating the visual information presented by the remote indicating compass and the navigational radio needles of the ID-250 Radio Magnetic Indicator, and in rapidly collating the two.

**FUNCTIONAL DESCRIPTION:**

Device 2B25/1 is an enlarged model of the dial and indicator needles of the Radio Magnetic Indicator ID-250. It is constructed of hardboard and plastic. The device has an adjustable, hand-operated, self-locking nut to adjust friction between compass rose and indicators in order to maintain fixed position during demonstrations. The device baseplate represents the stationary part of the Radio Magnetic Indicator, a white disk with black markings; the removable compass rose is white with black markings with a number of fingerholes to assist in turning the disc; the two indicators are clear plastic printed in black.

The enlarged indicator is mounted on a hardboard base with components fastened on a centerpost providing 360° rotation. Centerpost assembly is provided with an adjustable hand-operated, self-locking nut to permit adjusting friction between rotating components.

## DIRECTORY OF NAVAL TRAINING DEVICES

Device can be placed in classroom supported by two hangers at upper edge of baseplate or supported by the lower edge when used on an easel. Markings on device are visible at a distance of up to 25 feet. The instructor may manually rotate the compass through 360° by means of holes located on a 9-inch radius on the disc. He may also rotate the indicators and place them in any desired position. Thus he indicates on the device the dial and needle indication furnished by the cockpit instrument. Students may be supplied with Device 2B25, a small, hand-held replica of the Radio Magnetic Indicator.

## PUBLICATIONS FURNISHED:

Device 2B25/1 Summary, NAVTRADEV  
P-3701 (U).

## PERSONNEL:

Instructor: One (1), qualified to teach the  
ID-250 Radio Magnetic Indicator.

Operator: Instructor-operated

Trainees: Class of up to Thirty (30)

Maintenance: Minimal. Can be performed by  
Instructor

## CONTRACT IDENTIFICATION:

Manufactured by Sillcocks-Miller Co.,  
10 West Park Ave., Maplewood, NJ, under  
NAVTRASYSSEN Contract No. N61339-71-C-0076.

## LOCAL STOCK NUMBER:

6910-LL-C00-7126